

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000657

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ G01R1/073, 31/26, H01L21/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G01R1/06-1/073, H01L21/66

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	JP 2003-324132 A (Nippon Denshi Zairyo Kabushiki Kaisha), 14 November, 2003 (14.11.03), Par. Nos. {0013} to {0017}; Figs. 1, 4 (Family: none)	1-2 3-4, 6 5, 7-9
Y A	JP 2003-506686 A (NANONEXUS INC.), 18 February, 2003 (18.02.03), Par. Nos. {0032} to {0035}; Figs. 13 to 16, 20, 23 & EP 1200843 A1 & WO 2001/009623 A1	3, 6 5, 7-9
Y A	JP 2002-134570 A (Nippon Denshi Zairyo Kabushiki Kaisha), 10 May, 2002 (10.05.02), Par. Nos. {0021}, {0028}; Fig. 1 (Family: none)	4 5, 7-9

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

- A- document defining the general state of the art which is not considered to be of particular relevance
- E- earlier application or patent but published on or after the international filing date
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- O- document referring to an oral disclosure, use, exhibition or other means
- P- document published prior to the international filing date but later than the priority date claimed

- T- later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- X- document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- Y- document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- &- document member of the same patent family

Date of the actual completion of the international search
12 April, 2005 (12.04.05)

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Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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C.(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2004-77153 A (Nippon Denshi Zairyo Kabushiki Kaisha), 11 March, 2004 (11.03.04), Par. Nos. [0032] to [0033]; Fig. 3 & US 2004/104738 A1 & EP 1391738 A2	5, 7-9